



METHOD AND APPARATUS FOR PERFORATING A NON-WOVEN SHEET

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To produce at least one perforation in a non-woven sheet (N) of fibers or filaments, said sheet (N) is brought into contact with a perforated cylinder (2), equipped with at least one insert (8). Each insert includes, at one end, a plane surface (S), and is provided with a recess (8b) which emerges in said plane surface (S), and which has a sharp edge (8g) formed by the intersection of the inner surface (8f) of said recess (8b) with said plane surface (S). A perforation in the non-woven sheet (N) is obtained by cutting out a portion (P) of the non-woven sheet (N) by shearing of the fibers or filaments of the non-woven sheet (N), between the sharp edge (8g) of said insert (8) and a perforating member (9) driven simultaneously in translation and in rotation about its own axis.

Fig. 2

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1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.